



640 SNYDER AVE.
WEST CHESTER, PA 19382
PHONE 800-232-5060

TECHNICAL DATA SHEET

#12-14 HWH SELF DRILLING BI-METAL TYPE 3 XL COATED



SPECIFICATIONS

Minor thread diameter	0.157 - 0.164"
Major thread diameter	0.209 - 0.215"
Head diameter across flats	0.305 - 0.312" (5/16")
Material	SAE 1035 CARBON STEEL DRILL POINT AND STARTER THREADS, 304 STAINLESS STEEL BODY AND HEAD
Finish	CR6+ CLEAR CHROMATE ZINC (.0002 MIN.)
Coating	SILVER GRAY RUSPERT 500 HOUR SALT SPRAY
Headmark	FSI3

CAPACITIES

Drilling application	.050 - .234"
Strength (Lbs. / Ultimate):	
Tensile	2,820 lbs.
Torque	104 in. lbs.
Shear	2,146 lbs.

PULLOUT (Ultimate) STEEL/ALUMINUM

3/16"	2,734 lbs./2,309 lbs.
1/8"	1,780 lbs./1,090 lbs.
12 ga.	1,288 lbs.
14 ga.	978 lbs.
16 ga.	713 lbs.

INSTALLATION:

Install with 2000 rpm screw gun with 5/16" nut setter. Impact drivers are not recommended.

CONFORMANCE:

Fasteners conform to the SAE J78 and all applicable IFI Standards.

DISTRIBUTED BY:

Fastener Systems Inc. 640 Snyder Ave. West Chester, PA 19382

Disclaimer: All test results are based on testing done in a laboratory. Specific job conditions should be taken into consideration when specifying the proper fastener. Because applications vary, FSI assumes no liability for the use of this information.